EVGA | Product Specification Sheet

# e-GeForce 8600 GT

**Part Number: 256-P2-N758**

- 256MB
- DirectX 10 Support
- Unified Architecture
- PCIe

## At A Glance

- 128-bit GeForce 8600 GT (684MHz clock)
- 256MB 128-bit GDDR3 Memory (810MHz clock - 1620GHz effective)
- PCI Express x16 Compatibility (PCI Express Compliant)
- Integrated NVIDIA TV Encoder (HDTV, S-Video, Composite - OUTPUT)
- Dual DVI-I Connectors
- 25.9GB per second memory bandwidth

## Interface

- HDTV Support
- DVI-I
- DVI-I

## Features

- NVIDIA® unified architecture with GigaThread™ technology
- Full Microsoft® DirectX® 10 Shader Model 4.0 support
- NVIDIA® SLI™ Ready
- 16x full-screen anti-aliasing
- True 128-bit floating point high dynamic-range (HDR) lighting
- NVIDIA® Quantum Effects™ physics processing technology
- Two dual-link DVI outputs support two 2560x1600 resolution displays
- NVIDIA® PureVideo™ technology
- PCI Express® support
- OpenGL® 2.0 support
- NVIDIA® nView® multi-display technology
- Built for Microsoft® Windows Vista™

NVIDIA GeForce 8600 GT

## Driver Support

- NVIDIA ForceWare Unified Driver Architecture (Vista/Windows XP/MCE)
- Full DirectX 10 support
- Full OpenGL 2.0 support

## Dimensions

- height: 4.376in - 111.15mm
- length: 9in - 228.6mm

## Resolution Chart

| | 8-Bit | 16-Bit | 32-Bit |
|---|---|---|---|
| 640 x 480 | 240Hz | 240Hz | 240Hz |
| 800 x 600 | 240Hz | 240Hz | 240Hz |
| 1024 x 768 | 240Hz | 240Hz | 200Hz |
| 1152 x 864 | 200Hz | 200Hz | 170Hz |
| 1280 x 960 | 170Hz | 170Hz | 150Hz |
| 1280 x 1024 | 170Hz | 170Hz | 150Hz |
| 1600 x 1024 | 120Hz | 120Hz | 100Hz |
| 1600 x 1200 | 120Hz | 120Hz | 100Hz |
| 1920 x 1080 | 100Hz | 100Hz | 85Hz |
| 1920 x 1200 | 100Hz | 100Hz | 85Hz |
| 1920 x 1440 | 85Hz | 85Hz | 75Hz |
| 2048 x 1536 | 75Hz | 75Hz | 60Hz |
| 2560 x 1600 | | | 60Hz |

Refresh rates shown are the highest obtainable and are monitor dependent. Resolutions, pixel depths and refresh rates are driver dependent and may not be available in all applications or operating system.

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